

# **METHODS FOR EXTENDING AMORPHOUS PHOTOREFRACTIVE MATERIAL LIFETIMES**

## **Abstract of the Disclosure**

Methods for significantly improving the working lifetime of photorefractive materials and photorefractive articles involve annealing the photorefractive materials at a temperature higher than the temperature range in which degradation occurs. The methods are particularly applicable to amorphous photorefractive materials and devices in which phase separation results in performance degradation or device failure.

**PATENT**

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